

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/544,146
Source: IFWP
Date Processed by STIC: 6/21/06

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IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/544,146

DATE: 06/21/2006
TIME: 10:32:25

Input Set : E:\02-20-04.ST25.txt
Output Set: N:\CRF4\06212006\J544146.raw

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3 <110> APPLICANT: University of South Florida
5 <120> TITLE OF INVENTION: Vectors for Regulating Gene Expression
7 <130> FILE REFERENCE: USF-T193XC1
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/544,146
C--> 9 <141> CURRENT FILING DATE: 2005-08-02
9 <150> PRIOR APPLICATION NUMBER: 60/319,964
10 <151> PRIOR FILING DATE: 2003-02-21
12 <150> PRIOR APPLICATION NUMBER: 60/320,108
13 <151> PRIOR FILING DATE: 2003-04-15
15 <160> NUMBER OF SEQ ID NOS: 4
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 63
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the
EGFP
26      gene (si-GFP)
28 <400> SEQUENCE: 1
29 ggcgatgcca cctacggcaa gcttctcgat tcgaagcttg ccgttaggtgg catgccctt      60
31 ttt                               63
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 62
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the NS1
41      gene of RSV (RSV si-NS1):
43 <400> SEQUENCE: 2
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46 tg                               62
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 65
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the PRM
56      gene of Dengue virus type 2 (DEN-si-PrM)
58 <400> SEQUENCE: 3
59 ggaagacata gatttgtgg gcactcgagt caacgtgcac caacaatcta tgtctccct      60
61 ttttg                             65
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 65

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66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the 3'
UTR
71 of the PRM gene of Dengue virus type 2 (DEN-si-3'UTR)
73 <400> SEQUENCE: 4
74 ggaaaaaacag catattgacg ctgctcgagt caacgcagcg tcaatatgct gttttccct 60
76 ttttg 65

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/544,146

DATE: 06/21/2006

TIME: 10:32:26

Input Set : E:\02-20-04.ST25.txt

Output Set: N:\CRF4\06212006\J544146.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date